

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
20 January 2005 (20.01.2005)

PCT

(10) International Publication Number
WO 2005/004761 A1

(51) International Patent Classification⁷: **A61F 13/00**

(21) International Application Number:
PCT/US2003/018326

(22) International Filing Date: 10 June 2003 (10.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (*for all designated States except US*): **BSN MEDICAL, INC.** [US/US]; Corporation Trust Center, 1209 Orange Street, Wilmington, DE 19801 (US).

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): **EVANS, John, C.** [GB/GB]; 14, Haugh Fold, Newhey, Nr Rochdale, Lancashire OL16 3RF (GB).

(74) Agents: **ADAMS, W., Thad, III** et al.; Adams Evans P.A., 2180 Two Wachovia Center, Charlotte, NC 28282 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **WEFT-INSERTED ELASTIC ADHESIVE BANDAGE AND METHOD**

(57) Abstract: An elastic bandage including an elongate warp-knitted fabric substrate including a lock stitch formed in opposing side edges of the fabric substrate to prevent fraying. The substrate includes a cotton and elastic yarns in a warp direction and weft-inserted yarns in weft direction. The weft-inserted yarns include cotton, with an adhesive coated onto or impregnated into the substrate.

WO 2005/004761 A1